

Message

From: Koerber, Mike [/O=EXCHANGELABS/OU=EXCHANGE ADMINISTRATIVE GROUP (FYDIBOHF23SPDLT)/CN=RECIPIENTS/CN=9C513901D4FD49F9AB101A6F7A7A863E-KOERBER, MIKE]
Sent: 7/8/2021 2:54:52 PM
To: Bremer, Kristen [Bremer.Kristen@epa.gov]
Subject: FW: Imminent R6 EtO Facility Announcement - please call ASAP

FYI

From: Assunto, Carmen <Assunto.Carmen@epa.gov>
Sent: Thursday, July 8, 2021 10:54 AM
To: Vela, Austin <Vela.Austin@epa.gov>; Bowles, Jack <Bowles.Jack@epa.gov>; Katims, Casey <Katims.Casey@epa.gov>; Haman, Patricia <Haman.Patricia@epa.gov>; Thundiyil, Karen <Thundiyil.Karen@epa.gov>; Adhar, Radha <Adhar.Radha@epa.gov>
Cc: Martindale, Cary <martindale.cary@epa.gov>; Richardson, RobinH <Richardson.RobinH@epa.gov>; Davis, Alison <Davis.Alison@epa.gov>; Koerber, Mike <Koerber.Mike@epa.gov>; Acevedo, Janie <Acevedo.Janie@epa.gov>
Subject: RE: Imminent R6 EtO Facility Announcement - please call ASAP

Hey, everyone. Please put my management on all these emails. Janie Acevedo.

From: Vela, Austin <Vela.Austin@epa.gov>
Sent: Thursday, July 08, 2021 9:52 AM
To: Bowles, Jack <Bowles.Jack@epa.gov>; Katims, Casey <Katims.Casey@epa.gov>; Haman, Patricia <Haman.Patricia@epa.gov>; Thundiyil, Karen <Thundiyil.Karen@epa.gov>; Adhar, Radha <Adhar.Radha@epa.gov>
Cc: Assunto, Carmen <Assunto.Carmen@epa.gov>; Martindale, Cary <martindale.cary@epa.gov>; Richardson, RobinH <Richardson.RobinH@epa.gov>; Davis, Alison <Davis.Alison@epa.gov>; Koerber, Mike <Koerber.Mike@epa.gov>
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Thanks Jack. Here is a table for quicker reference.

Table 3: Cancer Risk Summary by Facility

Facility Name	Location	Maximum Individual Lifetime Cancer Risk (in 1 million)
BCP Ingredients	St. Gabriel, LA	10
Tamirco US (Eastman Corp.)	St. Gabriel, LA	30
Union Carbide Corp., St. Charles Operations	Taft, LA	700
Sasol Chemicals (USA) – Lake Charles Complex	Westlake, LA	300
Air Products Performance Manufacturing Inc. – Reserve Plant (Evonik)	Reserve, LA	600
Huntsman, Port Neches Operations	Port Neches, TX	2,000
Eastman Chemical Texas Operations	Longview, TX	300
Shell Technology Center Houston	Houston, TX	40

Estimated Cancer Risk Results

To estimate individual lifetime cancer risks associated with exposure to HAP emissions from each facility, we summed the cancer risks for each of the HAP emitted by the modeled facility. We estimated

cancer risk at every census block within 50 km of each facility. The maximum individual risk due to emissions from each facility ranged from 10-in-1 million to 2,000-in-1 million. An increased cancer risk of 2,000-in-1 million means that, for every million people that are exposed at the levels estimated at the highest risk census block, up to 2,000 of those people may develop cancer over their lifetime. The calculated risks are in excess of a person's chance of developing cancer for reasons other than the chemical exposures being evaluated. In general, the EPA considers excess cancer risks that are below about 1 chance in 1 million (1-in-1 million) to be negligible and excess cancer risks that range from 1-in-1 million to 100-in-1 million generally are considered to fall within the range of acceptability.

Estimated Noncancer Risk Results

To assess the risk of noncancer health effects from chronic exposure to HAP, we calculated target organ-specific hazard index (TOSHI). We sum the HQ for each of the HAP that affects a common target organ or target organ system to obtain a TOSHI. The HQ is the estimated exposure divided by the chronic noncancer dose-response value. If the HI value is less than 1, adverse health effects are not expected for that suite of chemicals. As exposures increase above the reference level (HIs increasingly greater than 1), the potential for adverse effects increases. Results for the chronic screening-level noncancer risk assessment indicate that one facility had an HI above 1. Specifically, Sasol Chemicals had an estimated HI of 3 with chlorine as the risk driver and the respiratory system as the target organ. 97 people are estimated to be exposed to TOSHI levels above 1.

Austin Vela
Congressional Liaison Specialist
U.S. Environmental Protection Agency, Region 6
Office: 214-665-9792



From: Bowles, Jack <Bowles.Jack@epa.gov>
Sent: Thursday, July 08, 2021 9:48 AM
To: Katims, Casey <Katims.Casey@epa.gov>; Vela, Austin <Vela.Austin@epa.gov>; Haman, Patricia <Haman.Patricia@epa.gov>; Thundiyil, Karen <Thundiyil.Karen@epa.gov>; Adhar, Radha <Adhar.Radha@epa.gov>
Cc: Assunto, Carmen <Assunto.Carmen@epa.gov>; Martindale, Cary <martindale.cary@epa.gov>; Richardson, RobinH <Richardson.RobinH@epa.gov>; Davis, Alison <Davis.Alison@epa.gov>; Koerber, Mike <Koerber.Mike@epa.gov>
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Hello –

Ex. 5 Deliberative Process (DP)

Best,
Jack

From: Katims, Casey <Katims.Casey@epa.gov>

Sent: Thursday, July 08, 2021 10:10 AM

To: Vela, Austin <Vela.Austin@epa.gov>; Haman, Patricia <Haman.Patricia@epa.gov>; Thundiyil, Karen <Thundiyil.Karen@epa.gov>; Bowles, Jack <Bowles.Jack@epa.gov>; Adhar, Radha <Adhar.Radha@epa.gov>

Cc: Assunto, Carmen <Assunto.Carmen@epa.gov>; Martindale, Cary <martindale.cary@epa.gov>; Richardson, RobinH <Richardson.RobinH@epa.gov>

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I am talking to David Gray and Lindsay Hamilton. More soon.

From: Vela, Austin <Vela.Austin@epa.gov>

Sent: Thursday, July 8, 2021 10:06 AM

To: Haman, Patricia <Haman.Patricia@epa.gov>; Thundiyil, Karen <Thundiyil.Karen@epa.gov>; Bowles, Jack <Bowles.Jack@epa.gov>; Katims, Casey <Katims.Casey@epa.gov>; Adhar, Radha <Adhar.Radha@epa.gov>

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Ex. 5 Deliberative Process (DP)

Austin Vela

Congressional Liaison Specialist

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From: Haman, Patricia <Haman.Patricia@epa.gov>

Sent: Thursday, July 08, 2021 8:58 AM

To: Vela, Austin <Vela.Austin@epa.gov>; Thundiyil, Karen <Thundiyil.Karen@epa.gov>; Bowles, Jack <Bowles.Jack@epa.gov>; Katims, Casey <Katims.Casey@epa.gov>; Adhar, Radha <Adhar.Radha@epa.gov>

Cc: Assunto, Carmen <Assunto.Carmen@epa.gov>; Martindale, Cary <martindale.cary@epa.gov>; Richardson, RobinH <Richardson.RobinH@epa.gov>

Subject: RE: Imminent R6 EtO Facility Announcement - please call ASAP

Hi Austin, Can you clarify how we can best help you? Pat

From: Vela, Austin <Vela.Austin@epa.gov>

Sent: Thursday, July 8, 2021 9:56 AM

To: Thundiyil, Karen <Thundiyil.Karen@epa.gov>; Haman, Patricia <Haman.Patricia@epa.gov>; Bowles, Jack <Bowles.Jack@epa.gov>; Katims, Casey <Katims.Casey@epa.gov>; Adhar, Radha <Adhar.Radha@epa.gov>

Cc: Assunto, Carmen <Assunto.Carmen@epa.gov>; Martindale, Cary <martindale.cary@epa.gov>; Richardson, RobinH

<Richardson.RobinH@epa.gov>

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Here's a draft comms plan that is not refined. Here are links to facility specific ones that are already live:

[Indorama Ventures \(formerly Huntsman\), Port Neches Operations, Port Neches, TX. EIS Facility ID number 4945211](#)

[Eastman Chemical Texas Operations, Longview, TX, EIS Facility ID Number 4941511, RN 00219815](#)

[Shell Technology Center Houston, Houston, TX EIS Facility ID 3736811, RN100209832](#)

And to the national page facility reports: <https://www.epa.gov/hazardous-air-pollutants-ethylene-oxide/inspector-general-follow-ethylene-oxide-0>

Austin Vela
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From: Vela, Austin
Sent: Thursday, July 08, 2021 8:37 AM
To: Thundiyil, Karen <Thundiyil.Karen@epa.gov>; Haman, Patricia <Haman.Patricia@epa.gov>; Bowles, Jack <Bowles.Jack@epa.gov>; Katims, Casey <Katims.Casey@epa.gov>; Adhar, Radha <Adhar.Radha@epa.gov>
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Importance: High

All – Our ORAX group in R6 had been working on a risk comms strategy for a rollout of risk assessments for 8 EtO facilities in TX and LA. We had upcoming community meetings scheduled as part of the rollout. However, our program folks have made some/all of this data public and on the web and notified LDEQ and TCEQ. We are trying to now put together a letter for notifying elected officials and so forth and are trying to get things back in line ASAP. I need OCIR input on this as soon as you can, for more info please give me a call. David Gray has given the 'okay' to keep it on the website but said we need to notify elected officials today. Thanks!

Austin Vela
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